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21839 7590 03/19/2004

BURNS DOANE SWECKER & MATHIS LLP
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/820,691	03/30/2001	Duane Outka	015290-496	4165

TITLE OF INVENTION: METHOD OF REDUCING ALUMINUM FLUORIDE DEPOSITS IN PLASMA ETCH REACTOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	06/21/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
OLSEN, ALLAN W	1763	216-067000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

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2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 BURNS, DOANE, SWECKER
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2
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Lam Research Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Fremont, California

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 11

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4800 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

Peter K. Skiff, R/N 31,917

06/14/04

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

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06/16/2004 HVUONG2 00000058 024800 09820691

01 FC:1504 300.00 DA
02 FC:1501 1330.00 DA
03 FC:8001 33.00 DA

TRANSMIT THIS FORM WITH FEE(S)



Patent
Attorney Docket No. 015290-496

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Duane Outka et al.

Application No.: 09/820,691

Filing Date: March 30, 2001

Title: METHOD OF REDUCING ALUMINUM FLUORIDE DEPOSITS IN PLASMA ETCH REACTOR

MAIL STOP ISSUE FEE

Confirmation No.: 4165

**PAYMENT OF ISSUE FEE AND PUBLICATION FEE
AND AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT
FOR ANY DEFICIENCY**

Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

Attached is an Issue Fee Transmittal form (form PTOL-85). The Director is hereby authorized to charge any fees under 37 C.F.R. §§ 1.18, 1.19, and 1.21 that may be required by the attached Issue Fee Transmittal Form or in connection with the publication of this application, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is being submitted in duplicate.

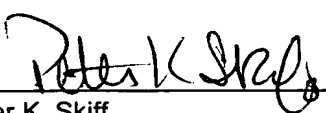
Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Date: June 14, 2004

By


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